



**SIEMENS**

Building Automation

APOGEE Integration  
Compatible Products Guide



**APOGEE**  
ANYWHERE

TM

# Compatibility by design, integration through service

Integrate with APOGEE® and you have our commitment to a solution that works.

Factory Engineers have followed internationally recognized standards to design, develop and test the products and systems found in this brochure. This ensures you receive the highest quality product. All solutions within Section One have been installed and are currently in use at customer sites. Our approach assures the highest level of implementation, something not all integrators can claim.

Compatibility is only the first step in assuring the success of a systems integration project. The comprehensive project management skills of your local Siemens Building Technologies office will help

you through all critical phases of a project including vendor relations, project definition, turnkey solutions, installation, commissioning and validation. Once the technical integration is proven, your Siemens Building Technologies office will work with you to customize reports and computer graphics, develop energy-saving routines, and perform periodic maintenance – all designed to assure your integrated systems are providing maximum value.

Extend the reach of your system while gaining access to the benefits of new technologies that will help run your facilities more efficiently. APOGEE ... the right choice for today and tomorrow.

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To assist owners in recognizing equipment and systems ready to be integrated into an APOGEE solution, we have developed the APOGEE Anywhere™ trademark. When it appears on a device or related literature, the trademark assures compatibility within an APOGEE-enabled infrastructure.

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The following table lists the different integration type codes and their descriptions. Type codes indicate the method of integration. Use this table as a key to identify the type codes used throughout this brochure.

Type Code	Method of Integration
D	= APOGEE Driver Installed on Vendor Workstation or Equipment
FI	= APOGEE Controller (Installed by Field Office)
MI	= APOGEE Controller (Manufacturer Installed by Vendor)
O	= APOGEE Open Processor with Communication Driver
FLN	= Vendor Device with APOGEE FLN Driver
S	= APOGEE Compatible Software

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## Section 1 – Installed Solutions

APPLICATION	VENDOR	TYPE	SYSTEM/EQUIPMENT
Air Compressors	Atlas Copco	O	<ul style="list-style-type: none"> <li>• Air Compressors with COM2 Module Installed</li> </ul>
	Cooper	O	<ul style="list-style-type: none"> <li>• TurboCompressor</li> </ul>
	Ingersoll-Rand	O	<ul style="list-style-type: none"> <li>• Centac</li> <li>• MP3</li> </ul>
	Sullair	O	<ul style="list-style-type: none"> <li>• Supervisor II</li> </ul>
Air Handling Units	Airflow Company	O	<ul style="list-style-type: none"> <li>• DataGuard 4.0 &amp; 5.0 Controllers <ul style="list-style-type: none"> <li>- AFX Series CRAC Unit</li> <li>- CCT DX Series CRAC Unit</li> <li>- Ceiling Unit Series CRAC Unit</li> <li>- Tech Cool Series CRAC Unit</li> </ul> </li> <li>• Micro AC Controllers <ul style="list-style-type: none"> <li>- CCT-CW Series CRAC Unit</li> <li>- CG Series CRAC Unit</li> <li>- Dycell Desiccant Dehumidification Series</li> </ul> </li> </ul>
	Carrier Corporation	O	<ul style="list-style-type: none"> <li>• Datalink to VVT Controls <ul style="list-style-type: none"> <li>- Bypass Controller</li> <li>- Pressure Dependent Zone Controller</li> <li>- TEMP System Controller</li> </ul> </li> <li>- Monitor Thermostat</li> <li>- Pressure Independent Zone Controller</li> </ul>
	Compu-Aire, Inc.	O	<ul style="list-style-type: none"> <li>• Carel Modbus Gateway <ul style="list-style-type: none"> <li>- CR72 Universal Controllers</li> </ul> </li> </ul>
	Dectron Ltd.	FI/MI	<ul style="list-style-type: none"> <li>• Custom AHUs</li> </ul>
	Energy Labs, Inc.	FI/MI	<ul style="list-style-type: none"> <li>• Custom AHUs</li> </ul>
	Engineered Air Systems, Ltd.	FI/MI	<ul style="list-style-type: none"> <li>• Custom AHUs</li> </ul>
	Governair (CES Group)	FI/MI	<ul style="list-style-type: none"> <li>• Ultra-line</li> </ul>
	International Environmental, Inc.	FI/MI	<ul style="list-style-type: none"> <li>• HBA</li> </ul>
	Liebert Corporation	O	<ul style="list-style-type: none"> <li>• SiteLink <ul style="list-style-type: none"> <li>- Environmental Units with controller levels C10, L00, LOB, L10, LAM, LSM (Including Deluxe System 3, Mini Mate)</li> <li>- Chiller Units CSU3000 (CSU) and CSU3000 with Economizer (CSE)</li> <li>- Monitoring Panels including Contact Monitors (CCM), RCM10U (MOR), Remote Auto changeover (RAC)), Temperature/Humidity Panels (THM), Water Detection Units (WDU)</li> </ul> </li> </ul>
	Mammoth, Inc. (Nortek/CES)	O	<ul style="list-style-type: none"> <li>• Level One Controller (Open Protocol) or Modbus <ul style="list-style-type: none"> <li>- Ultraline Roof Top Units</li> <li>- V-cube Units</li> </ul> </li> </ul>
	Mammoth, Inc. (CES Group)	FI/MI	<ul style="list-style-type: none"> <li>• 0 to 140 Ton Penthouse Units</li> </ul>
	McQuay International/AAF	O	<ul style="list-style-type: none"> <li>• Open Protocol Master Panel <ul style="list-style-type: none"> <li>- Self Contained Air Handling Unit (SCAC)</li> </ul> </li> </ul>
Annunciators	The Trane Company	O	<ul style="list-style-type: none"> <li>• Trane Tracer Summit Building Control Unit (BCU) <ul style="list-style-type: none"> <li>- Central Control Panel (CCP)</li> <li>- CV Commercial Self Contained</li> <li>- CV IntelliPak</li> <li>- VAV Commercial Self Contained</li> <li>- VAV Voyager</li> </ul> </li> </ul>
	YORK International	O	<ul style="list-style-type: none"> <li>• ISN YorkTalk XI or Micro Gateway <ul style="list-style-type: none"> <li>- Curbmaster with YCU Condensing Unit</li> </ul> </li> </ul>
	Automation Displays, Inc.	FLN	<ul style="list-style-type: none"> <li>• Firefighters Smoke Control Stations</li> </ul>
Boiler Controls	Autoflame	O	<ul style="list-style-type: none"> <li>• DTI Interface Panel <ul style="list-style-type: none"> <li>- Analog I/O Units</li> <li>- Digital I/O Units</li> <li>- EGA System</li> <li>- MM Systems</li> </ul> </li> </ul>
	Cleaver-Brooks	O	<ul style="list-style-type: none"> <li>• Cleaver-Brooks Communications Interface <ul style="list-style-type: none"> <li>- CB780</li> <li>- CB783</li> <li>- CB Hawk Boiler Control Unit</li> <li>- CB Hawk Enhancer</li> </ul> </li> </ul>
	Fireye	O	<ul style="list-style-type: none"> <li>• E500 Communications Interface or Direct Modbus <ul style="list-style-type: none"> <li>- E100 Flame-Monitor</li> <li>- E110 Flame-Monitor</li> <li>- E300 Expansion Unit</li> <li>- E340 Boiler Controller</li> </ul> </li> </ul>

APPLICATION	VENDOR	TYPE	SYSTEM/EQUIPMENT
Boiler Controls (Cont'd.)	Honeywell, Inc.	O	<ul style="list-style-type: none"> <li>• Q7700 Communications Interface               <ul style="list-style-type: none"> <li>- BCS 7700 Boiler Control System</li> <li>- Data Acquisition Modules</li> <li>- RM 7800 Boiler Control System</li> <li>- RM 7830 Expanded Annunciator</li> </ul> </li> </ul>
	Preferred Instruments	O	<ul style="list-style-type: none"> <li>• PCC-III</li> </ul>
	Raypak	O	<ul style="list-style-type: none"> <li>• B6000 Boiler Controls with T3 Interface</li> </ul>
Breaker Interfaces	Nilsen Industries	O	<ul style="list-style-type: none"> <li>• D-PRO Circuit Monitor</li> </ul>
	Siemens Power Transmission & Distribution	O	<ul style="list-style-type: none"> <li>• Simpro Motor Protection Relays</li> </ul>
	Siemens Energy & Automation	O	<ul style="list-style-type: none"> <li>• Static Tripp III</li> </ul>
	Square D	O	<ul style="list-style-type: none"> <li>• PowerLink AS</li> </ul>
Building Automation Systems	Alerton Technologies, Inc.	S	<ul style="list-style-type: none"> <li>• BACtalk (BACnet)</li> </ul>
	Automated Logic Corporation	S	<ul style="list-style-type: none"> <li>• WebCtrl (BACnet)</li> </ul>
	Carrier Corporation	O	<ul style="list-style-type: none"> <li>• Datalink to VVT Controls               <ul style="list-style-type: none"> <li>- Bypass Controller</li> <li>- Pressure Dependent Zone Controller</li> <li>- TEMP System Controller</li> <li>- Monitor Thermostat</li> <li>- Pressure Independent Zone Controller</li> </ul> </li> </ul>
	Delta Controls	S	<ul style="list-style-type: none"> <li>• Delta Control System (BACnet)</li> </ul>
	Honeywell, Inc.	O/S	<ul style="list-style-type: none"> <li>• Excel 5000</li> <li>- EBI (BACnet)</li> <li>- OpenLink Controller</li> </ul>
	Invensys	O/S	<ul style="list-style-type: none"> <li>• Barber Coleman Network 8000</li> <li>- GCM Version 4.1</li> <li>- GCM Version 5.4a</li> <li>• InView (BACnet)</li> </ul>
	Johnson Controls, Inc.	O/S	<ul style="list-style-type: none"> <li>• Metasys System               <ul style="list-style-type: none"> <li>- BSI (BACnet)</li> <li>- M5, M3, N30 (BACnet)</li> <li>- NCU</li> <li>- N2</li> </ul> </li> </ul>
	Titus/ASC	O	<ul style="list-style-type: none"> <li>• Magnalink (Smart 1)</li> </ul>
	The Trane Company	O/S	<ul style="list-style-type: none"> <li>• Trane Tracer Summit System (BACnet)</li> <li>- BCU</li> </ul>
Chillers /Refrigeration	Airflow Company	O	<ul style="list-style-type: none"> <li>• DataGuard 4.0 and 5.0 Controllers</li> <li>- Mainframe Chiller Series</li> </ul>
	Carrier Corporation	O	<ul style="list-style-type: none"> <li>• CCN DataLink               <ul style="list-style-type: none"> <li>- 16JT Absorption Chillers</li> <li>- 30GN/GT/GX and HX Chillers</li> <li>- 30GT Chillers</li> <li>- 3200MP Controls: 17DK/DM/DR Chillers</li> <li>- Chillervisor System Manager II and III Chiller Controls</li> <li>- 17 EX, 19 EX/XL/XR and 23XL Chillers</li> <li>- 30GN, Version 2</li> <li>- 3200MP Controls: 19DK/DM/DR Chillers</li> </ul> </li> </ul>
	FES	O	<ul style="list-style-type: none"> <li>• ComMENt Gateway Micro II Panel</li> <li>• ComMENt Gateway Micro IIE Panel</li> <li>• ComMENt Gateway MicroMaster Panel</li> </ul>
	Frick Refrigeration	O	<ul style="list-style-type: none"> <li>• Quantum Control Panel</li> <li>- RWB II Controller</li> </ul>
	Liebert Corporation	O	<ul style="list-style-type: none"> <li>• SiteLink               <ul style="list-style-type: none"> <li>- CSE Chiller Controller for Econocoil Models</li> <li>- CSU Chiller Controller</li> </ul> </li> </ul>
	McQuay International/AAF	O	<ul style="list-style-type: none"> <li>• Open Protocol Master Panel               <ul style="list-style-type: none"> <li>- Absorption Chillers</li> <li>- Chiller System Controller</li> <li>- Lead/Lab Load Balance Controls</li> <li>- Series 100 &amp; 200 Centrifugal</li> <li>- Air-cooled Screw Chillers</li> <li>- Global Scroll Chillers</li> <li>- Reciprocating Chillers</li> <li>- Series 200 &amp; C-Vintage Flooded Screw Chillers</li> </ul> </li> </ul>
	Multistack, Inc.	O	<ul style="list-style-type: none"> <li>• COMPUT25</li> <li>- Module Panels</li> </ul>

APPLICATION	VENDOR	TYPE	SYSTEM/EQUIPMENT
Chillers /Refrigeration (Cont'd.)	MYCOM America Corp.	O	<ul style="list-style-type: none"> <li>• Various Models (Modbus RTU Compatible Controls)</li> </ul>
	The Trane Company	O	<ul style="list-style-type: none"> <li>• Trane Tracer Summit Building Control Unit (BCU) <ul style="list-style-type: none"> <li>- CGA/CGW Scroll</li> <li>- Horizon Absorption</li> <li>- RTWA</li> <li>- UCP1 CenTraVac Centrifugal</li> <li>- UCP2 CenTraVac Centrifugal</li> <li>- UCP2 Single Stage Absorption</li> <li>- UCP2 Two Stage Absorption</li> </ul> </li> </ul>
	The Trane Company (Europe/Asia Only)	O	<ul style="list-style-type: none"> <li>• RCM Microprocessor Controller for Reciprocating Chillers</li> </ul>
	YORK International	O	<ul style="list-style-type: none"> <li>• ISN YorkTalk XL Panel or Micro Gateway</li> </ul>
		O	<ul style="list-style-type: none"> <li>- A1/A3 Air Cooled Screw Chiller</li> <li>- LS Rotary Screw Chiller</li> <li>- YI IsoFlow Absorption Chiller</li> <li>- YP Paraflow Absorption Chiller</li> <li>- YT Centrifugal Duo/Mono Shell Chiller</li> <li>- C1/C3 Reciprocating Chiller</li> <li>- YG Gas Engine Driven Chiller</li> <li>- YK Super Chiller</li> <li>- YS Rotary Screw (Water-cooled) Chiller</li> </ul>
Computer Room Air Conditioning Units	Airflow, Company	O	<ul style="list-style-type: none"> <li>• DataGuard 4.0 &amp; 5.0 Controllers <ul style="list-style-type: none"> <li>- AFX Series CRAC Unit</li> <li>- CCT DX Series CRAC Unit</li> <li>- Ceiling Unit Series CRAC Unit</li> <li>- Drycell Desiccant Dehumidification Series</li> </ul> </li> <li>• Micro AC Controllers</li> </ul>
	Compu-Aire, Inc.	O	<ul style="list-style-type: none"> <li>• Carel Modbus Gateway <ul style="list-style-type: none"> <li>- CR72 Universal Controllers</li> </ul> </li> </ul>
	DENCO Air Conditioning	O	<ul style="list-style-type: none"> <li>• DENCO Millennium Controls <ul style="list-style-type: none"> <li>- CRAC Unit</li> </ul> </li> </ul>
	Liebert Corporation	O	<ul style="list-style-type: none"> <li>• SiteLink <ul style="list-style-type: none"> <li>- Environmental Units with controller levels C10, L00, LOB, L10, LAM, LSM (Including Deluxe System 3, Mini Mate)</li> <li>- Chiller Units CSU3000 (CSU) and CSU3000 with Economizer (CSE)</li> <li>- Monitoring Panels including Contact Monitors (CCM), RCM10U (MOR), Remote Auto changeover (RAC), Temperature/Humidity Panels (THM), Water Detection Units (WDU)</li> </ul> </li> </ul>
	Liebert Corporation (Europe/Asia Only)	O	<ul style="list-style-type: none"> <li>• PEC Units</li> </ul>
	Stulz	O	<ul style="list-style-type: none"> <li>• Modbus Interface (MIB) <ul style="list-style-type: none"> <li>- C5000</li> <li>- C4000</li> <li>- C1002</li> </ul> </li> </ul>
Contact Monitors	Liebert Corporation	O	<ul style="list-style-type: none"> <li>• SiteLink <ul style="list-style-type: none"> <li>- Contact Closure Module (CCM)</li> </ul> </li> </ul>
Elevator Controls	Integrated Display Systems	O	<ul style="list-style-type: none"> <li>• LIFT NET</li> </ul>
Fan Coil Units	AAON, Inc.	FI/MI	<ul style="list-style-type: none"> <li>• Fan Coil Units</li> </ul>
	AIRTHERM, Inc.	FI/MI	<ul style="list-style-type: none"> <li>• DSF</li> <li>• TDNG</li> <li>• TSNG</li> </ul>
	Anemostat	FI/MI	<ul style="list-style-type: none"> <li>• FALSD</li> <li>• FASD</li> </ul>
	Carnes	FI/MI	<ul style="list-style-type: none"> <li>• AVCC</li> </ul>
	Carrier Division (ASC)	FI/MI	<ul style="list-style-type: none"> <li>• 35D</li> </ul>
	Continental Air products	FI/MI	<ul style="list-style-type: none"> <li>• ATU</li> <li>• BPT</li> </ul>
	Daikin	O	<ul style="list-style-type: none"> <li>• Daikin VRV Master Station</li> </ul>
	Environmental Technology	FI/MI	<ul style="list-style-type: none"> <li>• SDR</li> </ul>
	E.H. Price & Co., Ltd.	FI/MI	<ul style="list-style-type: none"> <li>• SDV</li> </ul>
	Griswold Controls, Inc.	FI/MI	<ul style="list-style-type: none"> <li>• Fan Coil Units</li> </ul>
	H.C., Inc.	FI/MI	<ul style="list-style-type: none"> <li>• Fan Coil Units</li> </ul>
	International Environmental, Inc.	FI/MI	<ul style="list-style-type: none"> <li>• MAY</li> <li>• MPY</li> <li>• STW</li> </ul>
	Klimare, Inc.	FI/MI	<ul style="list-style-type: none"> <li>• KFRC</li> <li>• KFSA</li> </ul>
	Krueger Division/ASC	FI/MI	<ul style="list-style-type: none"> <li>• LMHS</li> <li>• RVE</li> </ul>
	Magicaire	FI/MI	<ul style="list-style-type: none"> <li>• DVX</li> <li>• DVW</li> </ul>

APPLICATION	VENDOR	TYPE	SYSTEM/EQUIPMENT			
Fan Coil Units (Cont'd.)	Mammoth, Inc. (CES Group)	FI/MI	• V-cube			
	McQuay International	O	• Open Protocol Master - Fan Coil Units			
	Metal Industries	FI/MI	• 400RT	• 400 <sup>TH</sup>	• SDV	
	Nailor Industries	FI/MI	• 3001			
	Pottorff	FI/MI	• FPV 3000			
	Price & Co.	FI/MI	• SDV 5000			
	REDDI-I-INC. (TPI)	FI/MI	• MV	• MVRW		
	Rosemex, Ltd.	FI/MI	• BDH	• HR	• VT	
	Siemens Building Technologies, AG	O	• DESIGO RX			
	Skil/Aire, Inc.	FI/MI	• Fan Coil Units			
	Tempmaster Industries Inc. (YORK International)	FI/MI	• 500			
	Titus/ASC	FI/MI	• ESMB 6-16			
	The Trane Company	FI/MI	• VCCE	• VCWE 05-16		
	The Trane Company	O	• Trane Tracer Summit Building Control Unit (BCU) - Fan Coil Units (TCU)			
	Whalen Manufacturing	FI/MI	• VCWE			
	Williams, Inc.	FI/MI	• CV	• CH	• ER	• HH
			• HL	• LH		
Fire Panels	Edwards Systems Technologies, Inc.	O	• EST2 • EST3 • FCC • IRC-3			
	Notifier	O	• AFP1010 • AM1010 • AM2020			
	Siemens Building Technologies, Inc.	O	• ALS2 • ALS3 • MXL • Algorex			
	Simplex	O	• Simplex Fire Alarm System - Model 2100/2120 - Model 4100/4120/4020 (with Computer Port Protocol)			
Fume Hood Controls	Phoenix	S	• Accel-Way For BACnet, Version 3.0 BacStac - Celeris System			
	Siemens Building Technologies, Inc.	FI	• Fume Hood Controller/Sash Sensors			
Fume Hoods	Air Master Systems	FI/MI	• AMS A-B-C			
	Fisher Hamilton, Inc.	FI	• Safeaire			
	Hemco	FI/MI	• Uniflow			
	Kewaunee	FI/MI	• Airflow Supreme	• Hoodaire	• Visionaire	
	Keur, Inc.	FI/MI	• Fume Hoods			
	Labconco	FI/MI	• Protector Series			
	Newaire, Inc.	FI/MI	• Bench Top/Walk-in VAV & CV			
Gas Detection	Control Instruments	O	• Datamax 1600			
	Zellweger Analytics	O	• System 16	• System 57	• CM4	
Generator Systems	Caterpillar	O	• EMCP II			
	Kohler	O	• Decision Maker 340			
	Onan	O	• PowerCommand			
Heat Pumps	Airdale, Inc.	FI/MI	• Air to Air Units			
	Climate Master/Friedrich	FI/MI	• #801 Horz 1/2 to 2 Tons			
	Econar Energy Systems	FI/MI	• GC	• GH	• GW	
	Florida Heat Pumps	FI/MI	• HGSE	• SL10	• SL65	• SX
	Goettl, Inc.	FI/MI	• GA 10 Tons & Greater			

APPLICATION	VENDOR	TYPE	SYSTEM/EQUIPMENT		
Heat Pumps (Cont'd.)	ICECAP, Inc.	FI/MI	• 8RSK07H	• 8RSK09H	
	Klimaire, Inc.	FI/MI	• KFDM		
	Magicaire	FI/MI	• Air to Air	• Water to Air	
	Mammoth, Inc. (CES Group)	FI/MI	• Water Source Electromechanical 1/2 to 12 tons		
	McQuay International/AAF	O	• Open Protocol Master - Large Heat Pump - Loop Water Controller (LWC) - Water Source Heat Pump (WSHP)		
	Nesbitt/Mestek	FI	• Water Source Heat Pump WTH		
	The Trane Company	O	• Trane Tracer Summit Building Control Unit (BCU) - TCU/WSHP		
	The Trane Company	FI	• WPHF021	• WPHF027	• WPHF035
	Waterfurnace, Inc.	FI/MI	• SXH	• SXV	• WXH
	Whalen, Inc.	FI/MI	• V1-A	• V1-A1	• WXV
Humidity Controls	DGH Systems, LLC	O	• Carel Modbus Gateway - CR72 Universal Controllers		
I/O	Opto 22	O	• OPTOMUX Family of I/O Devices - B1 & B2 Brain Boards		
Isolation Room Monitors	Siemens Building Technologies, Inc.	FI	• Differential Pressure Monitor		
Laboratory Control Systems	Phoenix	S	• Accel-Way for BACnet, Version 3.0 BacStac - Celeris System		
Leak Detection	Liebert Corporation	O	• SiteLink		
Lighting Controls	Brylyn Enterprises	O	• Photon 4 Lighting Controller		
	Clipsal	O	• C-BUS Lighting Management System - C-Bus PC Interface Version 2.0		
	Douglas Controls	O	• PDM MC-600/MC-6000 Lighting System - MC 631 Lighting Panel - MC 632 Lighting Panel		
	General Electric	O	• TLC (Total Lighting Control)		
	Intelligent Lighting Controls	O	• Quanta RSX Panel • Quanta LAN Panel		
	Lutron	S	• Digital Microwatt		
	MicroLite	O	• System 1000 • System 600		
	Siemens Automation & Drives	O	• Instabus Lighting System		
	Siemens Building Technologies, AG	O	• DESIGO RX		
	Siemens Building Technologies, Ltd. (Korea)	FLN	• Litrol Lighting Panel - MLC 46G 481 - MLC 46R 24G 241 - MLC 48G 401 - MLC 48R 24G 12P - MLC 48R 401	- MLC 46P 481 - MLC 46R 481 - MLC 48P 401 - MLC 48R 38G	
	Siemens Energy & Automation	O	• LCP 2000		
	Square D	O	• PowerLink AS • PowerLink G3		
	Thomas	O	• Matrix Controls		
	TRIATEK	O	• TRIATEK Lighting Control System - LP-2500-30 Zone Light Panel - LP-2600-60 Relay Panel - RCS-1000 Circuit Breaker Panel	- LP-2600-60 Zone Light Panel - LP-2800-12 Zone Light Panel	
	Wattstopper	O	• Complete Control		
Maintenance Management	Datastream	S	• MP2 5.0 Professional – Access & SQL Server • MP2 6.0 Professional – SQL Server		
Paging	InfoRad	S	• Watch-IT Serial		

APPLICATION	VENDOR	TYPE	SYSTEM/EQUIPMENT			
Particle Monitoring	Climet	O	• CI 3110	• CI-500EX		
	Met-One	O	• Met-One Particle Counters - 227 Series - 2100 Series - 2408 Series	- 237 Series - 2200 Series - R4800 Series		
Power Distribution Units	Liebert Corporation	O	• SiteLink - Dual Output Breaker Static Switch PDU – STS - Static Switch PDU - EDS			
	Square D	O	• DPS 2500			
Power Monitoring	AutoMeter (Europe/Asia Only)	O	• AutoMeter IC 850			
	Crompton (Europe/Asia Only)	O	• Crompton Integra Meters -1000 Range -2000 Range			
	Eaton/Cutler-Hammer/ Westinghouse	O	• ACM (Advantage Control Module) • Advantage Starter • CMU (Central Monitoring Unit) • IQ 200 • IQ 1000 II • IQ Data Plus II • IQ Transfer	• Addressable Relay II • AEM II • Digitrip 810 • IQ 500 • IQ Analyzer • IQ Data Plus 4000		
	Electro Industries	O	• Futura Plus Series			
	GE/Multilin	O	• EPM	• MTM	• PQM	• Power Leader
	Gossen Metrawatt (Europe/Asia Only)	O	• A2000 Multifunctional Power Measurement Meter			
	Liebert Corporation	O	• SiteLink - Power Monitoring Panels (PM2 and PMP) - Volt Current Frequency Monitoring Panel - VCF - Volt Current Monitoring Panel – VCM			
	Merlin Gerin	O	• Sepam 2000			
	Multilin	O	• MTM Plus Meter			
	Nilsen Industries	O	• D-PRO - Nilstat Monitor			
	Power Measurement, Ltd.	O	• 3000 Series • 7000 Series			
	Siemens Energy & Automation	O	• ACCESS System Devices			
	Siemens Building Technologies, Inc.	FLN	• DEM (Digital Energy Monitor) 1000 • DEM (Digital Energy Monitor) 2000			
	Square D	O	• PowerLogic Circuit Monitors			
	Veris	O	• H8035	• H8036		
Programmable Logic Controllers	Allen-Bradley	O	• PLC-5	• SLC 5/03	• SLC 5/04	
	Burgess Electronics (Europe/Asia Only)	O	• SAIA - PCD2	- PCD4	- PCD6	
	GE FANUC	O	• 90-70 and 90-30 Series			
	Koyo	O	• DL250	• DL350	• DL450	
	Modicon	O	• 984 Series	• Quantum		
	Omron	O	• SYSMAC – C200H/HS PLC with NT Screens			
	Siemens Energy & Automation	O	• Simatic	• TI 505		
	Square D	O	• SY/MAX Series			
	Westinghouse	O	• PLC-2000 Series			
Pump Controllers	ITT Bell and Gossett	O	• Technologic 5000 Series Pumping Controls			
	Unosource Controls, Inc.	O	• VV8200 Series Pumping Packages & Control Systems			
Rooftop Units	AAON, Inc.	FI/MI	• 3/140 Tons			
	Air Enterprises	FI/MI	• Penthouse Units			
	Buffalo AHU, Inc.	FI/MI	• Custom Roof Top Units			
	Carrier Corporation	O	• CCN DataLink - 48/50 Series EK/EJ/EW/EY/NB/NP			
	Des Champs	FI/MI	• Two Duct Series 85			

APPLICATION	VENDOR	TYPE	SYSTEM/EQUIPMENT
Rooftop Units (Cont'd.)	Dunham Bush	FI/MI	• RT18MA Series
	Engineered Air Systems	FI/MI	• Penthouse Units
	Environmental Air Systems	FI/MI	• Penthouse Units
	Gaylord Industries	FI/MI	• 2/4 Tons            • Penthouse Units
	Governair/Mammoth (CES Group)	FI/MI	• RSA 10 to 140 Tons
	Industrial Commercial Ltd.	FI/MI	• Penthouse Units
	International Environmental, Inc.	FI/MI	• HBA 2 to 5 Tons
	Lennox	FI/MI	• GCS16
	Mammoth, Inc. (CES Group)	O	• Level One Controller - Ultraline Packaged Rooftop Units
	Mammoth, Inc. (CES Group)	FI/MI	• V Cube Units
	Marcraft, Inc.	FI/MI	• Custom Roof Top Units
	McQuay International/AAF	O	• Open Protocol Master Panel - Applied Rooftop Unit (RTU)
	Pace, Inc.	FI/MI	• Penthouse Units
	Racan, Ltd.	FI/MI	• Penthouse Units
	Seasons4, Inc.	FI/MI	• Penthouse Units
	Skil-aire, Inc.	FI/MI	• Penthouse Units
	Tempmaster Industries, Inc. (YORK International)	FI/MI	• Penthouse Units
	The Trane Company	O	• Trane Tracer Summit Building Control Unit (BCU) - Programmable Control Module (PCM) - Voyager Rooftop Unit - Intellipak Rooftop Unit (IPAK)
	Venmar Ltd. (Mammoth)	FI/MI	• V Cube Units
	Webco, Inc.	FI/MI	• Custom Roof Top Units
	YORK International	O	• ISN YorkTalk XL Panel or Micro Gateway - Curbmaster with YCU Condensing Unit - RT Rooftop II Units
Room Pressurization	Siemens Building Technologies, Inc.	FI	• Room Pressurization Controller
SCADA, DCS, Expert Systems, & Information Management	ABB	O	• Advant SCADA
	AMX	D	• Phast
	Ci Technologies	O	• CiTect
	Crestron	D	• Isys
	DataTrax	O	• SCADA
	Emation	S	• Web@aglance
	Eutech	S	• Performantz VAS
	GE FANUC	O/S	• CIMPILITY - Version 3.X for Windows NT - Version 4.X for Windows NT/2000
	Iconics	S	• Genesis 32 - Version 6.X for Windows NT
	Intellution	D/S	• iFIX - Version 2.X for Windows NT/2000 • FIX32 - Version 7.X for Windows NT
	Micromuse	D	• Netcool Suite
	OSI	O/S	• OSI PI
	Siemens Building Technologies, Inc.	S	• Insight            • APOGEE
	USDATA	S	• FactoryLink ECS - Version 6.X for Windows NT

APPLICATION	VENDOR	TYPE	SYSTEM/EQUIPMENT
SCADA, DCS, Expert Systems, & Information Management (Cont'd.)	Wonderware	D/S	<ul style="list-style-type: none"> <li>• Factoriesuite 2000 InTouch           <ul style="list-style-type: none"> <li>- Version 5.X for Windows 3.1</li> <li>- Version 5.X for Windows '95</li> <li>- Version 7.X for Windows NT/2000</li> </ul> </li> </ul>
Scheduling Software	Resource 25	S	<ul style="list-style-type: none"> <li>• Resource 25 Version 2.2</li> </ul>
Security/Access Management	ADC Technologies, Inc. (Asia Pacific Region Only)	O	<ul style="list-style-type: none"> <li>• ADC Card Access System</li> </ul>
	Cardkey	O	<ul style="list-style-type: none"> <li>• PEGASYS 1000           <ul style="list-style-type: none"> <li>- Release 5.1</li> </ul> </li> </ul>
	InfoGraphic Systems	O	<ul style="list-style-type: none"> <li>• Diamond I</li> <li>• Diamond II</li> <li>• Sapphire Pro</li> </ul>
	Northern Computers, Inc.	O	<ul style="list-style-type: none"> <li>• Win-Pak           <ul style="list-style-type: none"> <li>- Revision 1.15</li> </ul> </li> </ul>
	Siemens Building Technologies (Asia Pacific Region Only)	O	<ul style="list-style-type: none"> <li>• Advantage           <ul style="list-style-type: none"> <li>- CX-17</li> </ul> </li> </ul>
Standard Protocols	BACnet	S	<ul style="list-style-type: none"> <li>• BACnet Client &amp; Server via Ethernet or BACnet/IP</li> </ul>
	CAB	D	<ul style="list-style-type: none"> <li>• Canadian Automation Building Protocol           <ul style="list-style-type: none"> <li>- Version1, Release 2</li> </ul> </li> </ul>
	BatiBUS (Europe/Asia Only)	O	<ul style="list-style-type: none"> <li>• Batigyr HVAC Controllers           <ul style="list-style-type: none"> <li>- OC169</li> <li>- RCE 86</li> </ul> </li> </ul>
	Echelon	O	<ul style="list-style-type: none"> <li>• LonWorks Gateway</li> </ul>
	EIB (European Instabus)	O	<ul style="list-style-type: none"> <li>• EIB Gateway via FT 1.2 Protocol           <ul style="list-style-type: none"> <li>- BCU Versions 1.0 and 2.0</li> <li>- EIS IEBI Interworking Standards 1 through 10, release 3.0</li> </ul> </li> </ul>
	SNMP	S	<ul style="list-style-type: none"> <li>• SNMP</li> </ul>
	Modbus	O	<ul style="list-style-type: none"> <li>• RTU Protocol (Master &amp; Slave)</li> </ul>
	OPC	S	<ul style="list-style-type: none"> <li>• OPC Server &amp; OPC Client</li> </ul>
Steam Trap Monitoring	Armstrong International	O	<ul style="list-style-type: none"> <li>• GPI Interface           <ul style="list-style-type: none"> <li>- Trapscan System</li> </ul> </li> </ul>
Switchgear	Siemens Energy & Automation	O	<ul style="list-style-type: none"> <li>• SAMMS</li> </ul>
Tank Monitoring	Veeder-Root	O	<ul style="list-style-type: none"> <li>• TLS300                    • TLS350                    • TLS350R</li> </ul>
Terminal Units	Johnson Controls, Inc.	O	<ul style="list-style-type: none"> <li>• N2 Controllers           <ul style="list-style-type: none"> <li>- AHU</li> <li>- UNT</li> <li>- VAV</li> </ul> </li> </ul>
Uninterruptible Power Systems	Liebert Corporation	O	<ul style="list-style-type: none"> <li>• SiteLink           <ul style="list-style-type: none"> <li>- Multi Module Series UPS – MM4</li> <li>- Multi Module Series UPS – MMS</li> <li>- Multi Module Series UPS – SMM</li> <li>- Single Module Series UPS – S300, S500, W600 – SMS</li> <li>- Single Module Series UPS – SM3</li> <li>- Single Module Series UPS – SM4</li> <li>- Single Module Series UPS – SSM</li> <li>- UPS Station S3 – US3</li> </ul> </li> </ul>
	MGE	O	<ul style="list-style-type: none"> <li>• Galaxy with GTC Link</li> </ul>
	Mitsubishi	O	<ul style="list-style-type: none"> <li>• Series 9800</li> </ul>
Unit Ventilators	Dunham Bush, Inc.	FI/MI	<ul style="list-style-type: none"> <li>• HUV-V                    • HUV-H</li> </ul>
	Carrier	FI/MI	<ul style="list-style-type: none"> <li>• 40UH                    • 40UV</li> </ul>
	Kooltronic, Inc.	FI/MI	<ul style="list-style-type: none"> <li>• KPHE</li> </ul>
	Magicaire, Inc.	FI/MI	<ul style="list-style-type: none"> <li>• AHV                    • AV                    • MA40UH                    • MA40UV</li> </ul>
	McQuay International/AAF	O	<ul style="list-style-type: none"> <li>• Open Protocol Master Panel           <ul style="list-style-type: none"> <li>- Unit Ventilator Controller</li> </ul> </li> </ul>
	Nesbitt/Mestek	FI	<ul style="list-style-type: none"> <li>• TXE                    • HWO                    • HOA                    • HBO</li> </ul>
	Tempspec, Ltd.	FI/MI	<ul style="list-style-type: none"> <li>• H &amp; V Models</li> </ul>
	The Trane Company	O	<ul style="list-style-type: none"> <li>• Trane Tracer Summit Building Control Unit (BCU)           <ul style="list-style-type: none"> <li>- TCU/Unit Ventilator</li> </ul> </li> </ul>
	YORK International	FI/MI	<ul style="list-style-type: none"> <li>• 40UH                    • 40UV</li> </ul>

APPLICATION	VENDOR	TYPE	SYSTEM/EQUIPMENT		
Variable Frequency Drives	ABB	FLN	• ACH 400	• ACH 500	• ACS 600
	Cutler-Hammer	O/FLN	• IS905	• HV 9000	
	GE/Fugi	FLN	• AF300E\$	• AF-300G11	
	Graham	FLN	• VLT 3500	• VLT 6000	
	Omron IDM Controls	FLN	• P5+		
	Rockwell Automation	FLN	• VTAC7	• VTAC9	
	Saftronics	FLN	• FP5		
	Siemens Building Technologies, Inc.	FLN	• SED2		
	Siemens Energy & Automation	FLN	• ECO1		
	Square D	FLN	• Altivar 58	• Altivar 66	
VAV Terminal Units	Toshiba	FLN	• E3	• Q-Flowsaver	
	Yaskawa/MagneTek	FLN	• GPD 505	• GPD 506	
	Air Systems, Ltd.	FI/MI	• DESV	• DMDV	
	AIREX, Ltd.	FI/MI	• Single Duct Boxes		
	AIRTHERM Inc.	FI/MI	• TSN	• TDN	
	Anemostat	FI/MI	• RME	• HVI	• FASD      • DU
	Carnes	FI/MI	• AVCC	• ADCC	
	Carrier Division (ASC)	FI/MI	• 35D	• 45T	
	Continental Air	FI/MI	• ATU	• PSA	• DD-VV
	E.H. Price & Co., Ltd.	FI/MI	• SDV	• DDV	• FDV      • FDC
	Environmental Technologies, Inc.	FI/MI	• SDR	• CFQ	• DDT      • CVF
	Krueger Division/ASC	FI/MI	• DLMHS • QFV	• DLMHD • QFC-Q	• DLMHT      • DQFC
	Metal Industries, Inc.	FI/MI	• 400TH • 500 FCI/FVI • VX	• 400CI • HSW	• 400DD      • 500TH • MSR      • SX
	Nailor Industries	FI/MI	• 3001	• 36RW	• 3210
	Pottroff, Inc.	FI/MI	• TU	• RF	• MP
Control Systems	Premium Air	FI/MI	• Series 6600	• Series 6700	
	Price & Co.	FI/MI	• FDV	• DDV	
	REDDI-I-INC. (TPI)	FI/MI	• MVRW	• LBCH	• DDVV      • MV
	Siemens Building Technologies, Inc.	O	• DESIGO RX		
	Titus/ASC	FI/MI	• DESV 4-16 • DFVL 6-16	• DFCL • DEDV	• DTQS 6-16      • DTQP
	The Trane Company	FI/MI	• VDDE	• VCEE	
	The Trane Company	O	• Trane Tracer Summit Building Control Unit (BCU) - VAV II/III		
	Waddell, Inc.	FI/MI	• WPD	• WSG	
Other	Warren Technologies	FI/MI	• STE	• FBI	• STN
	Williams, Inc.	FI/MI	• CH	• CV	

## Section 2 – Tested Solutions

Integration with the following products and systems has been tested but are not currently installed on a customer site.

APPLICATION	VENDOR	TYPE	SYSTEM/EQUIPMENT
Fume Hood Controls	Phoenix	O	<ul style="list-style-type: none"> <li>• Accel-Way for Modbus</li> <li>- Celeris System</li> </ul>
Lighting Controls	Lithonia	S	<ul style="list-style-type: none"> <li>• Synergy</li> </ul>
Laboratory Control Systems	Phoenix	O	<ul style="list-style-type: none"> <li>• Accel-Way for Modbus</li> <li>- Celeris System</li> </ul>
Steam Trap Monitoring	Armstrong International	O	<ul style="list-style-type: none"> <li>• SteamEye System/Series 3000</li> </ul>
Terminal Controllers	TCS/Basys Controls	O	<ul style="list-style-type: none"> <li>• Programmable Thermostats</li> <li>- SZ1017N</li> <li>- SZ1022N</li> <li>- SZ1024N</li> </ul>

## Section 3 – Legacy Systems

Integration with the following legacy products and systems has been offered in the past but equipment may no longer be available by the third party vendor.

APPLICATION	VENDOR	TYPE	SYSTEM/EQUIPMENT
Chillers/ Refrigeration	Liebert Corporation	O	<ul style="list-style-type: none"> <li>• DCLAN</li> <li>- CE1, CE2, CE3, CW1, CW2, CW3</li> </ul>
Computer Room/Air Conditioning Units	Liebert Corporation	O	<ul style="list-style-type: none"> <li>• DCLAN</li> <li>- LOA, LOB, L01, L02, L1A, L10, LAM</li> </ul>
Power Monitoring	Liebert Corporation	O	<ul style="list-style-type: none"> <li>• DCLAN</li> <li>- PMP, VCF, VCM</li> </ul>
SCADA, DCS, Expert Systems, and Information Management	Comdale Technologies Dorsetts Fisher Rosemount Gensym Simulation Sciences (Formerly Biles & Assoc.) Square D	D	<ul style="list-style-type: none"> <li>• ProcessVision</li> <li>• Info-Scan</li> <li>• ProVox</li> <li>• G2</li> <li>• AIM/AT</li> <li>• CRISP</li> </ul>
Security/Access Management	Cardkey	O	<ul style="list-style-type: none"> <li>• Pass Ultra System</li> </ul>
	Cardkey	O	<ul style="list-style-type: none"> <li>• Pegasys 400</li> </ul>
UPS	Liebert Corporation	O	<ul style="list-style-type: none"> <li>• DCLAN</li> <li>- MMS, SCC, SMS</li> </ul>
Variable Frequency Drives	Reliance	O	<ul style="list-style-type: none"> <li>• GV3000</li> </ul>

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## Building Automation

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Part Number: 153-304P10 Rev. 4 (3/02)